

FIG. 1

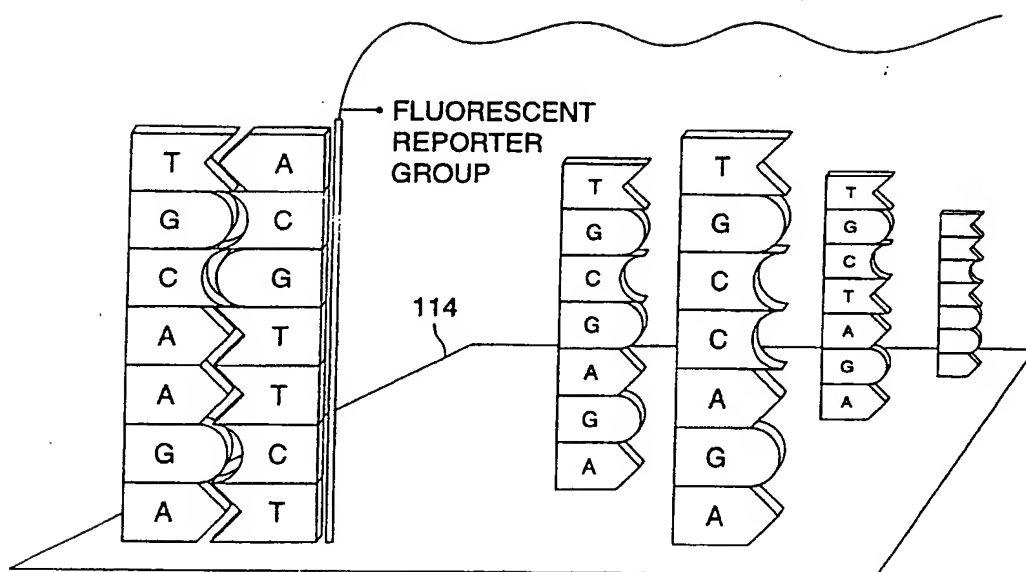


FIG. 2C

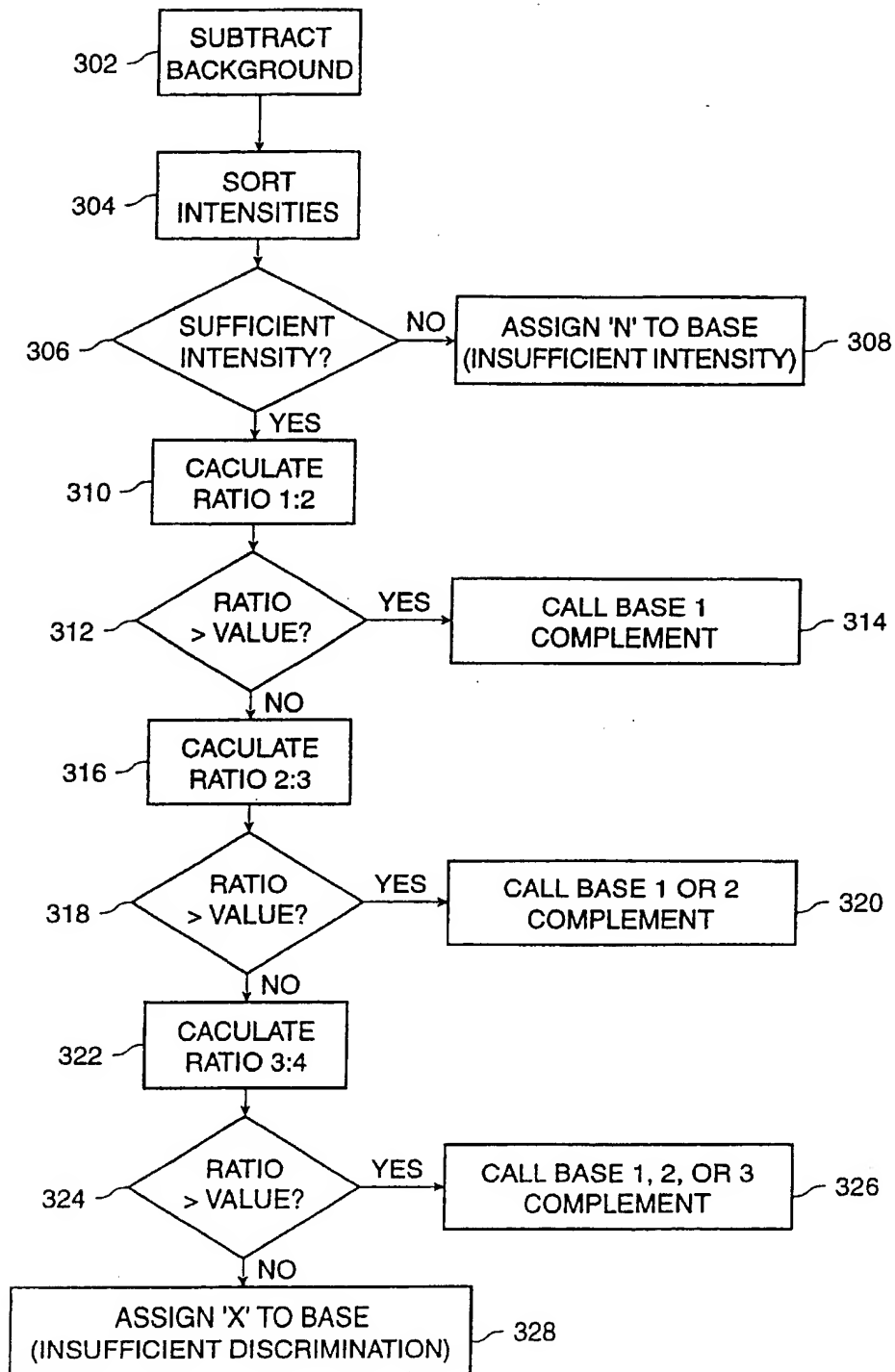


FIG. 3.

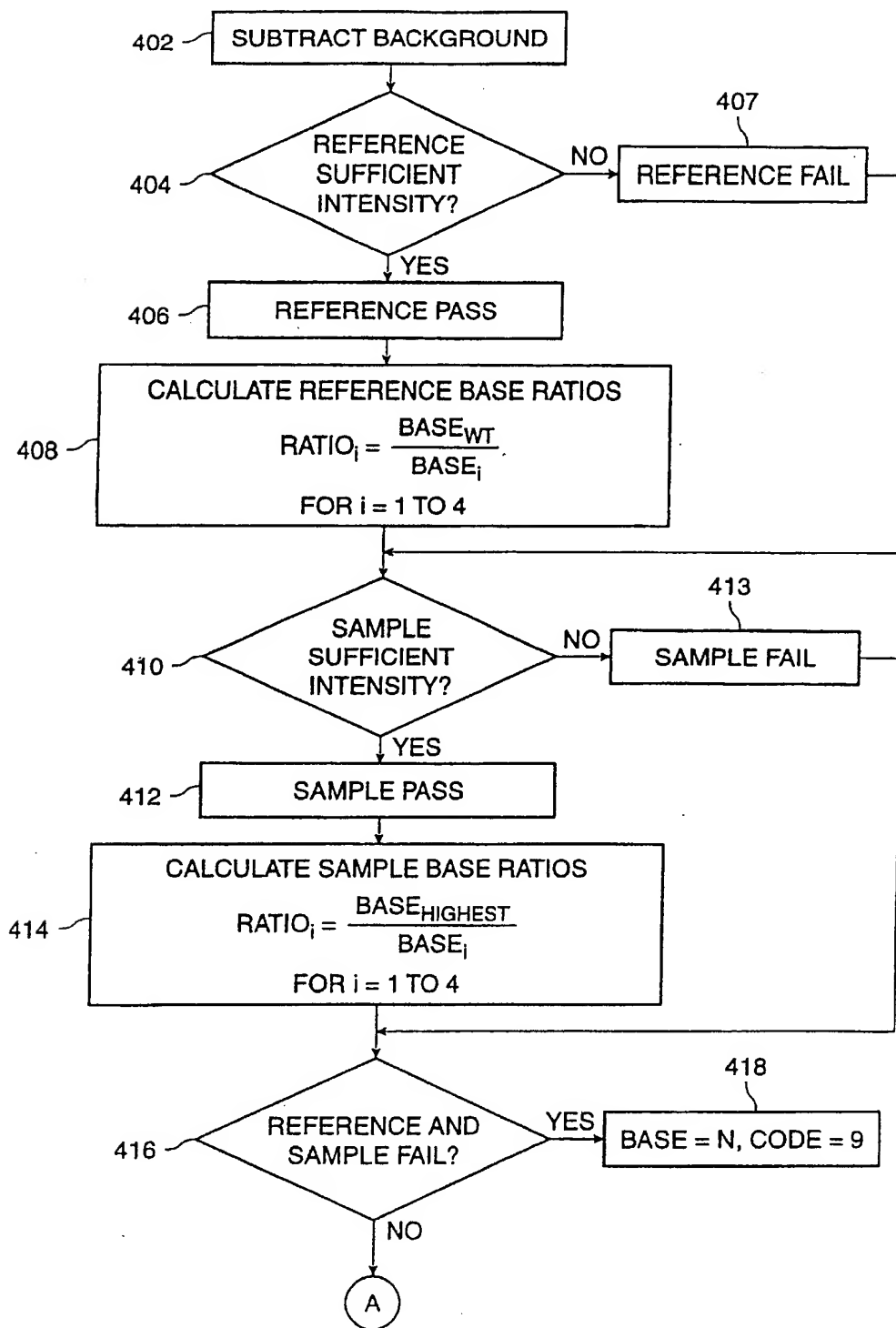


FIG. 4A

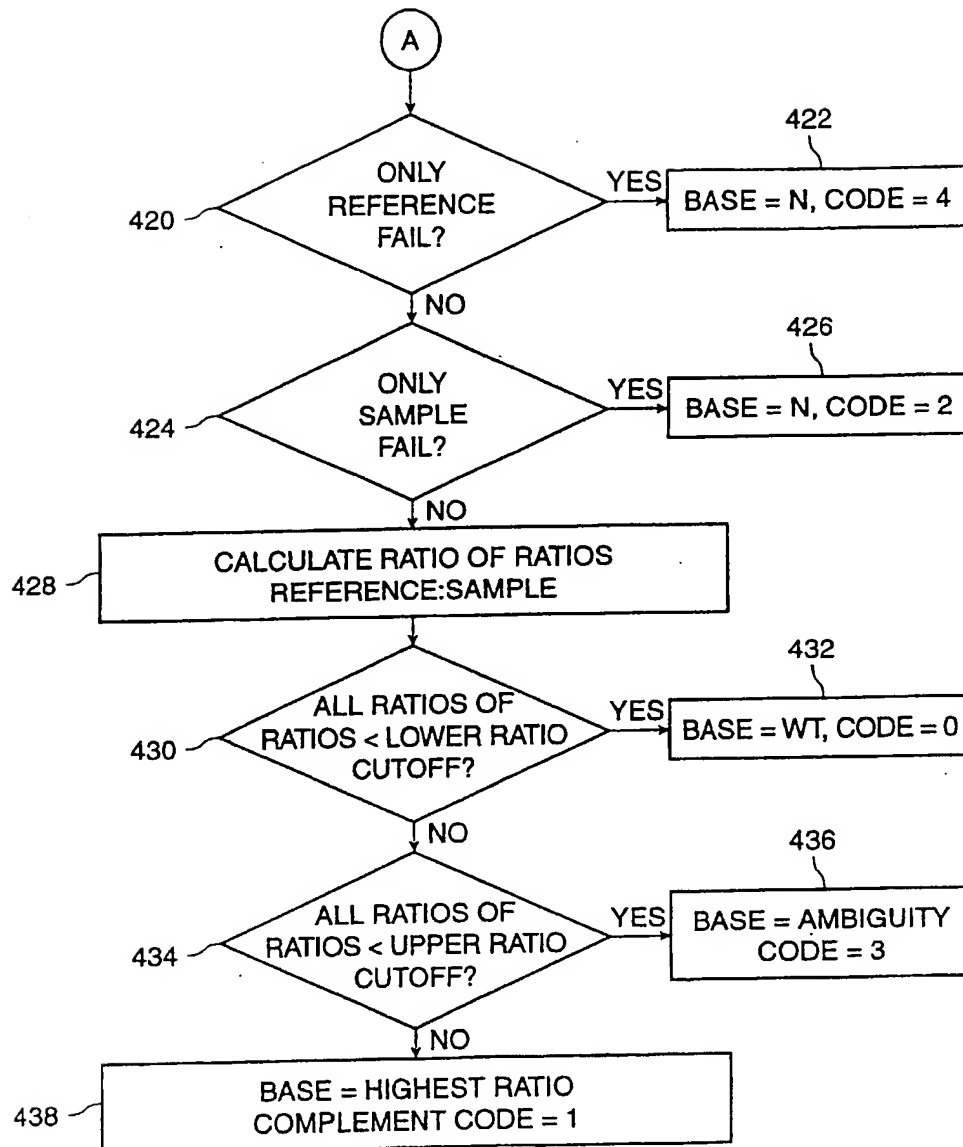


FIG. 4A
(CONTINUED)

POSITION	WT	REFERENCE				SAMPLE				RATIO OF RATIOS							
		BACK-GROUND	A	C	G	T	BACK-GROUND	A	C	G	T	A/A	C/C	G/G	T/T	BASE	CONFIDENCE
463	C	P	7.2	9.9	1.0	5.6	P	6.4	2.3	1.0	14.5	1.1	4.3	1.0	0.4	G	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

FIG. 4B

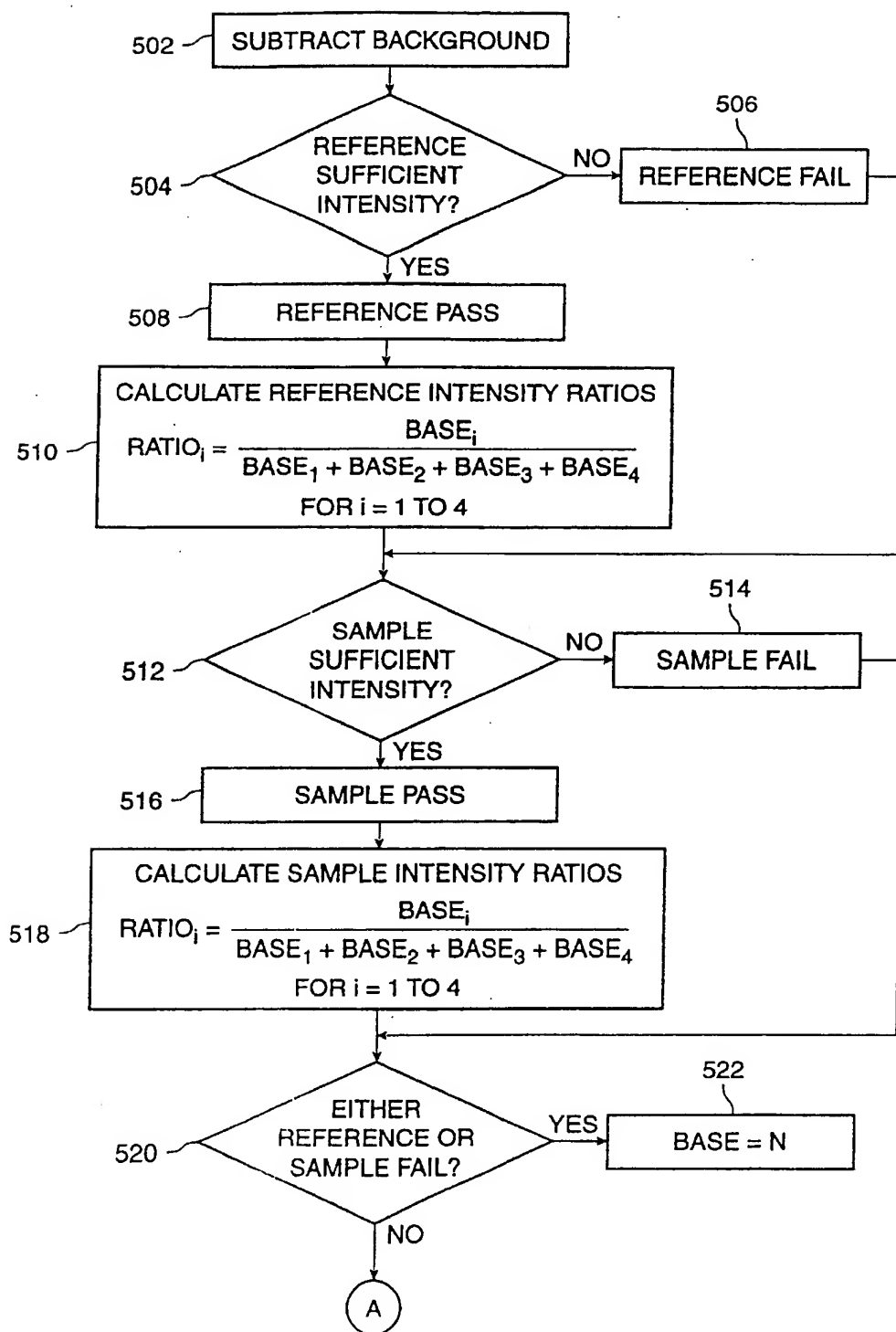


FIG. 5A

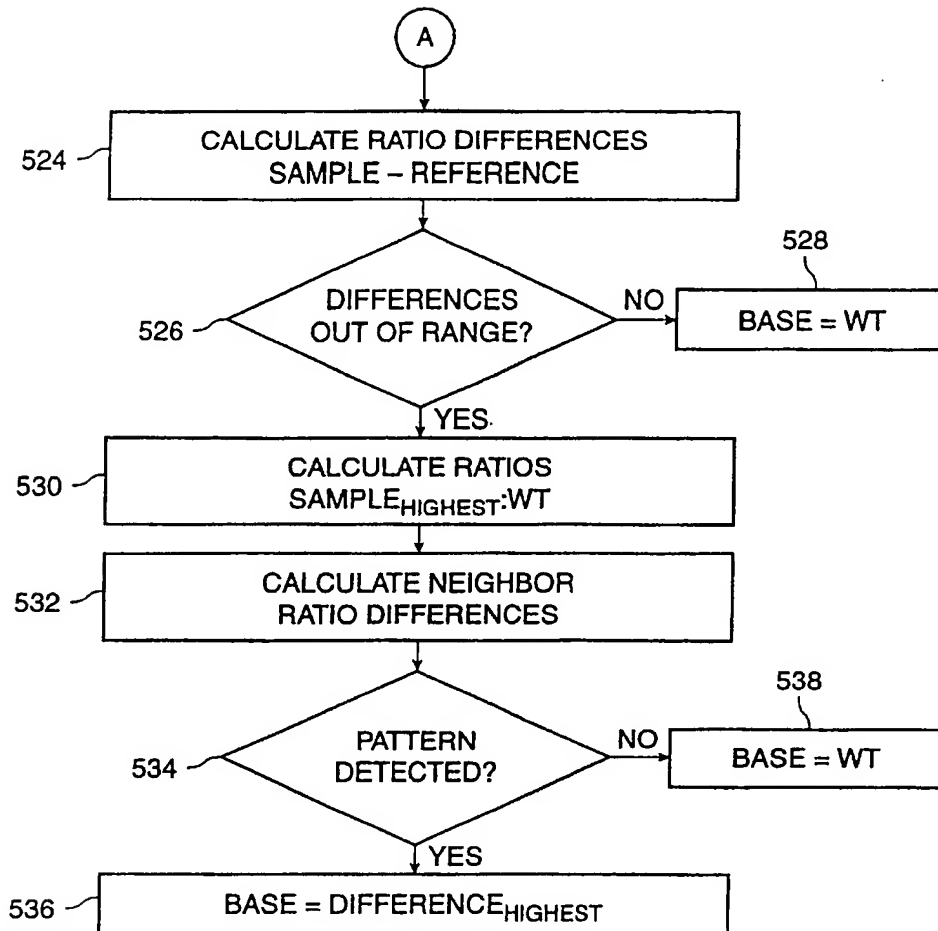


FIG. 5A
(CONTINUED)

BCK SUBTRACTED INTENSITIES																	502A
	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	
RY090203.CQ1																	
POSITION:	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250
WILDTYPE:	A	A	A	C	C	C	A	A	T	C	C	A	C	A	T	C	A
CALLED:	A	A	A	C	C	C	A	A	T	C	C	A	C	A	T	C	M
A	148	193	165	17	70	38	282	385	97	31	18	158	15	223	178	126	154
C	57	100	42	167	345	278	38	99	139	249	249	13	244	28	257	250	175
G	26	32	20	16	64	17	27	107	100	13	9	11	10	30	142	59	55
T	9	15	10	6	41	14	27	79	261	6	2	1	7	16	320	52	37
S	240	340	238	207	522	347	374	671	598	298	279	182	276	298	896	487	421
WTR	148	193	165	167	345	278	282	385	261	249	249	158	244	223	320	250	154
MAXR	148	193	165	167	345	278	282	385	261	249	249	158	244	223	320	250	175
MC090407.CQ1																	
POSITION:	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250
WILDTYPE:	A	A	A	C	C	C	A	A	T	C	C	A	C	A	T	C	A
CALLED:	M	M	A	C	X	C	A	X	X	C	C	A	C	A	X	X	M
A	194	238	150	44	191	126	283	332	234	58	49	242	25	337	286	180	256
C	209	291	74	202	337	277	74	199	175	259	288	27	376	65	379	324	234
G	92	72	34	29	114	52	65	571	231	30	17	16	47	71	254	104	109
T	25	39	16	11	96	29	68	205	267	11	8	5	23	57	427	97	85
S	520	639	274	286	738	484	489	1307	906	357	362	291	472	529	1346	705	684
WTE	194	238	150	202	337	277	283	332	267	259	288	242	376	337	427	324	256
MAXE	194	238	150	202	337	277	283	332	267	259	288	242	376	337	427	324	256

FIG. 5B

WTE/WTR	1.31	1.23	0.91	1.21	0.98	-1.00	1.00	0.86	1.02	1.04	1.15	1.54	1.54	1.51	1.34	1.30	1.66
MAXE/WTR	1.42	1.51	0.91	1.21	0.98	1.00	1.00	1.48	1.02	1.04	1.15	1.54	1.54	1.51	1.34	1.30	1.66
N-L + N-R		0.79	-0.63	0.54	-0.25	0.01	0.14	0.94	0.14	-0.10	-0.27	0.38	0.04	0.14	-0.13	-0.40	
N-L		0.09	-0.60	0.30	-0.24	0.02	0.01	0.48	-0.46	0.02	0.11	0.38	0.01	-0.04	-0.17	-0.04	
N-R		0.60	-0.30	0.24	-0.02	-0.01	-0.48	0.46	-0.02	-0.11	-0.38	-0.01	0.04	0.17	0.04	-0.36	
N-L D(N-R)			-0.90	0.54	-0.25	0.01	-0.48	0.94	-0.48	-0.10	-0.27	0.38	0.04	0.14	-0.13		
N-R D(N-L)			-0.90	0.54	-0.25	0.01	-0.48	0.94	-0.48	-0.10	-0.27	0.38	0.04	0.14	-0.13		
L(N-L) - (N-R)L			0.29	0.07	0.22	0.02	0.49	0.02	0.44	0.13	0.50	0.39	0.03	0.21	0.21		
A+B-C			-2.10	1.01	-0.73	0.00	-1.44	1.86	-1.40	-0.33	-1.03	0.36	0.06	0.06	-0.48		
SUM MT/ SUM WT																	
INTENSITIES	2.16	1.88	1.15	1.39	1.41	1.39	1.31	1.95	1.52	1.20	1.30	1.60	1.71	1.78	1.50	1.45	1.63
N/L + N/R		2.50	1.45	2.18	2.04	2.05	1.61	2.77	2.04	1.71	1.89	2.18	2.03	2.22	1.88	1.85	
N-L + N-R			0.22	-0.48	0.10	0.02	0.03	-0.36	0.54	-0.06	-0.21	0.10	0.02	0.17	-0.11	-0.12	
N-L			-0.28	-0.73	0.21	0.03	-0.02	0.09	0.54	-0.43	-0.32	0.10	0.30	0.10	0.07	-0.27	-0.06
N-R			0.73	-0.23	-0.03	0.02	0.09	-0.64	0.43	0.32	-0.10	-0.30	-0.10	0.27	0.06	-0.18	

FIG. 5B
(CONTINUED)

[illegible]

FIG. 5B
(CONTINUED)

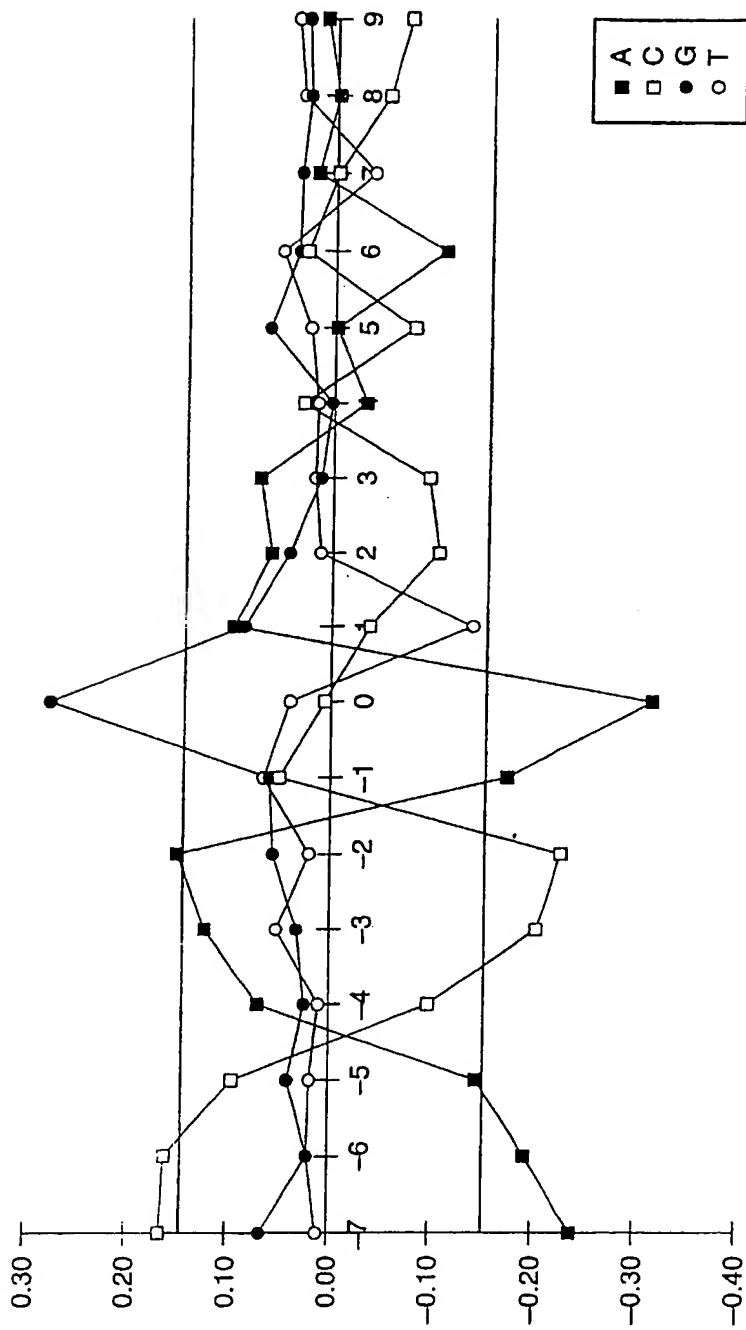


FIG. 5C

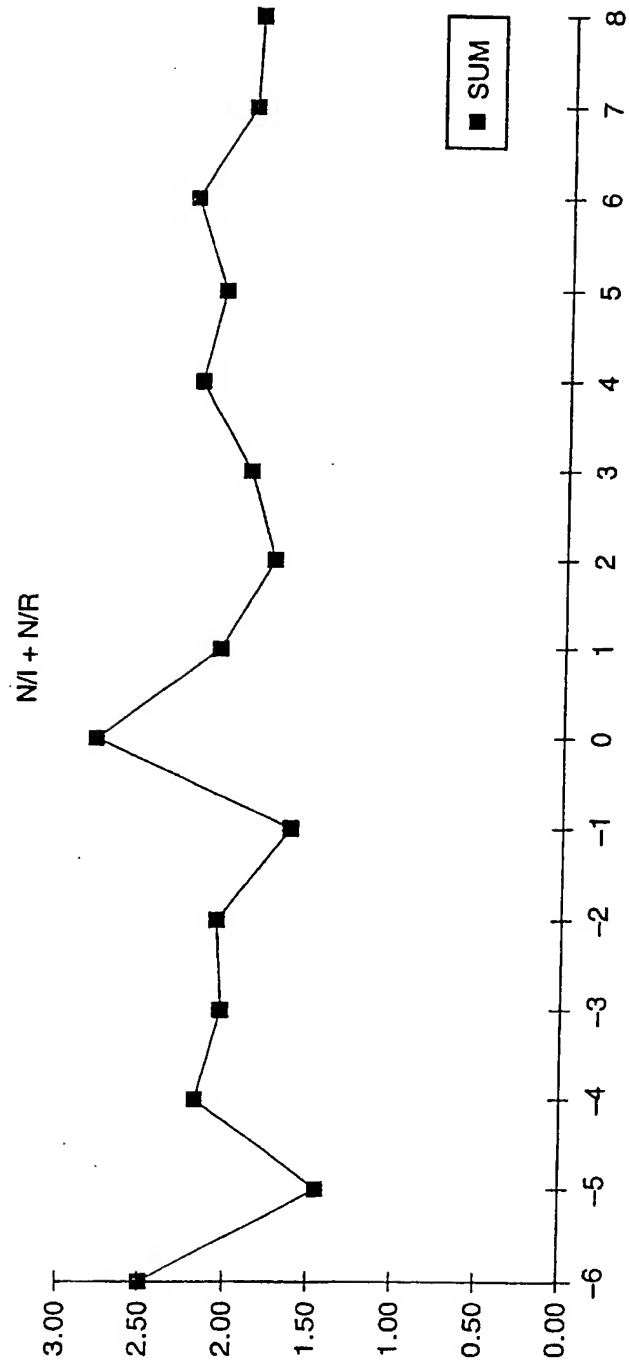


FIG. 5D

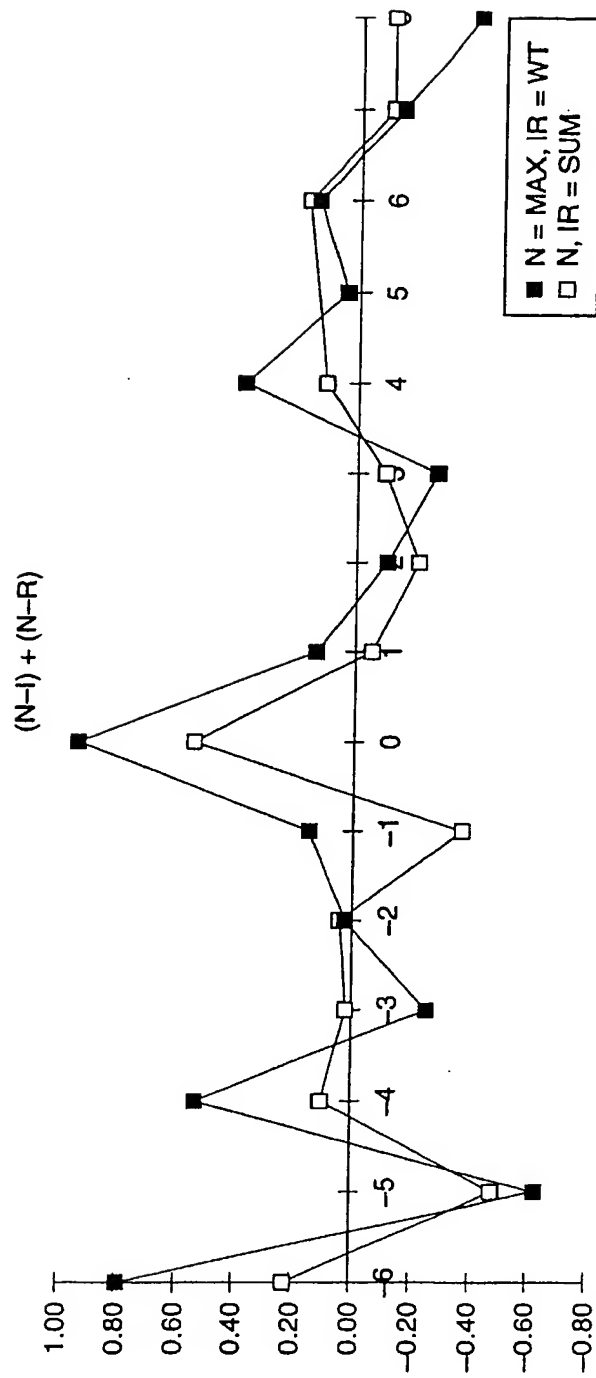


FIG. 5D
(CONTINUED)

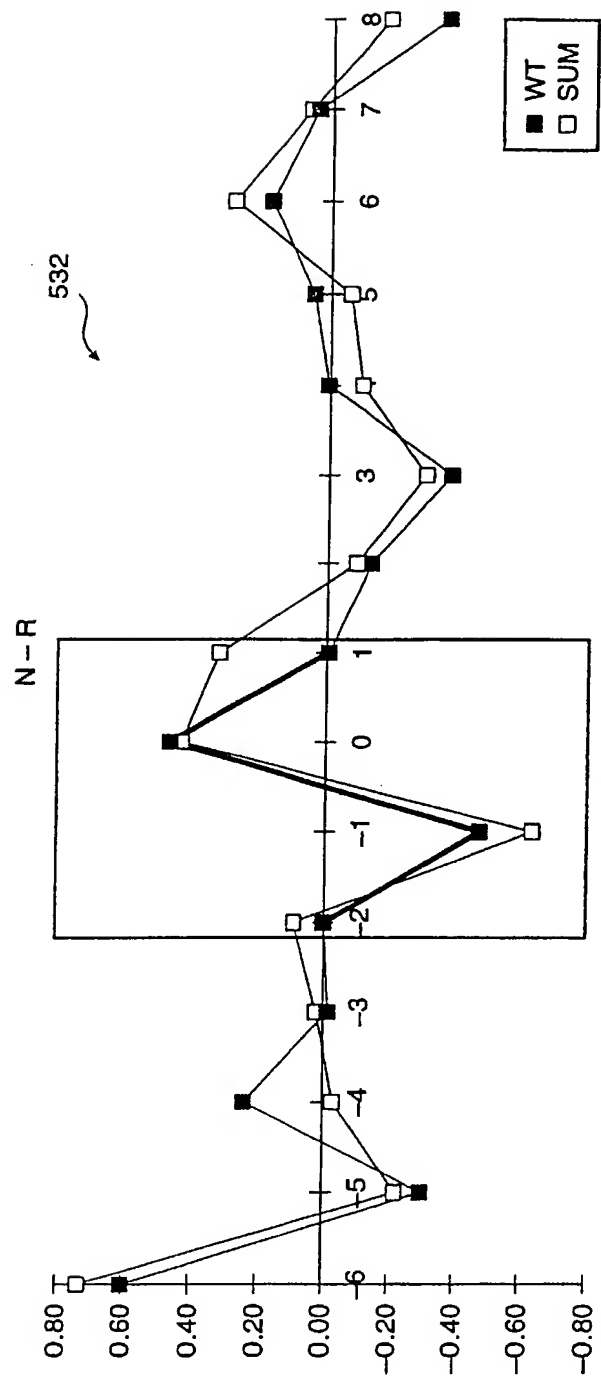


FIG. 5D
(CONTINUED)

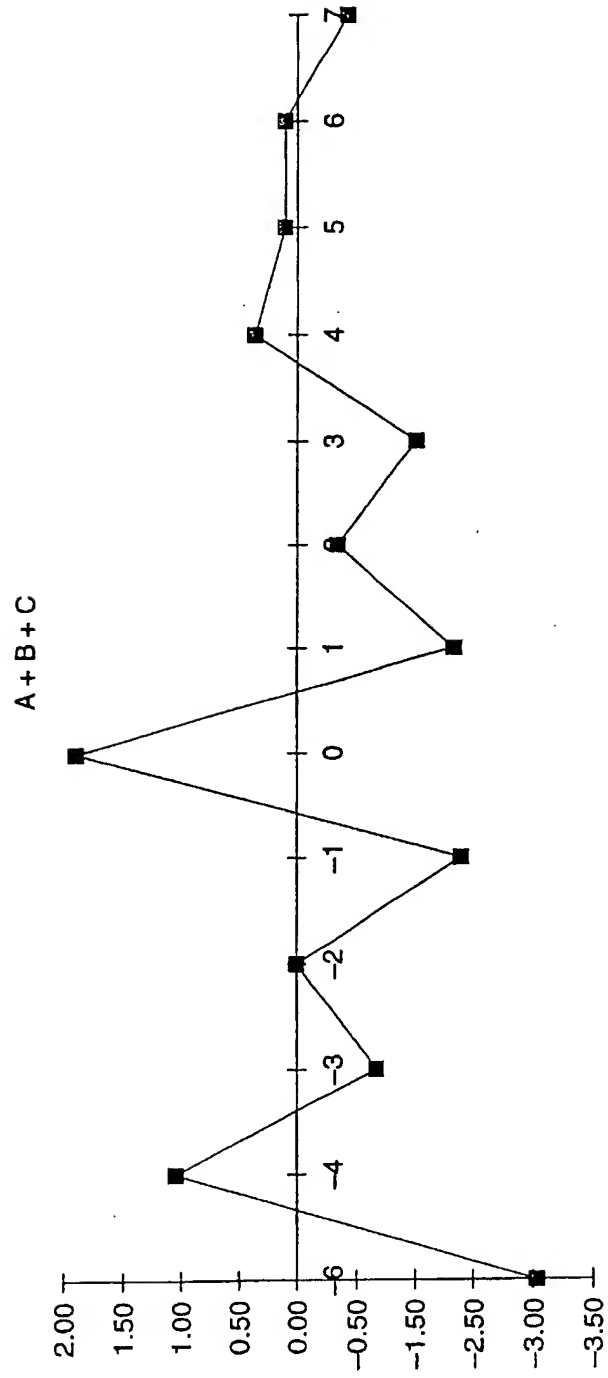


FIG. 5D
(CONTINUED)

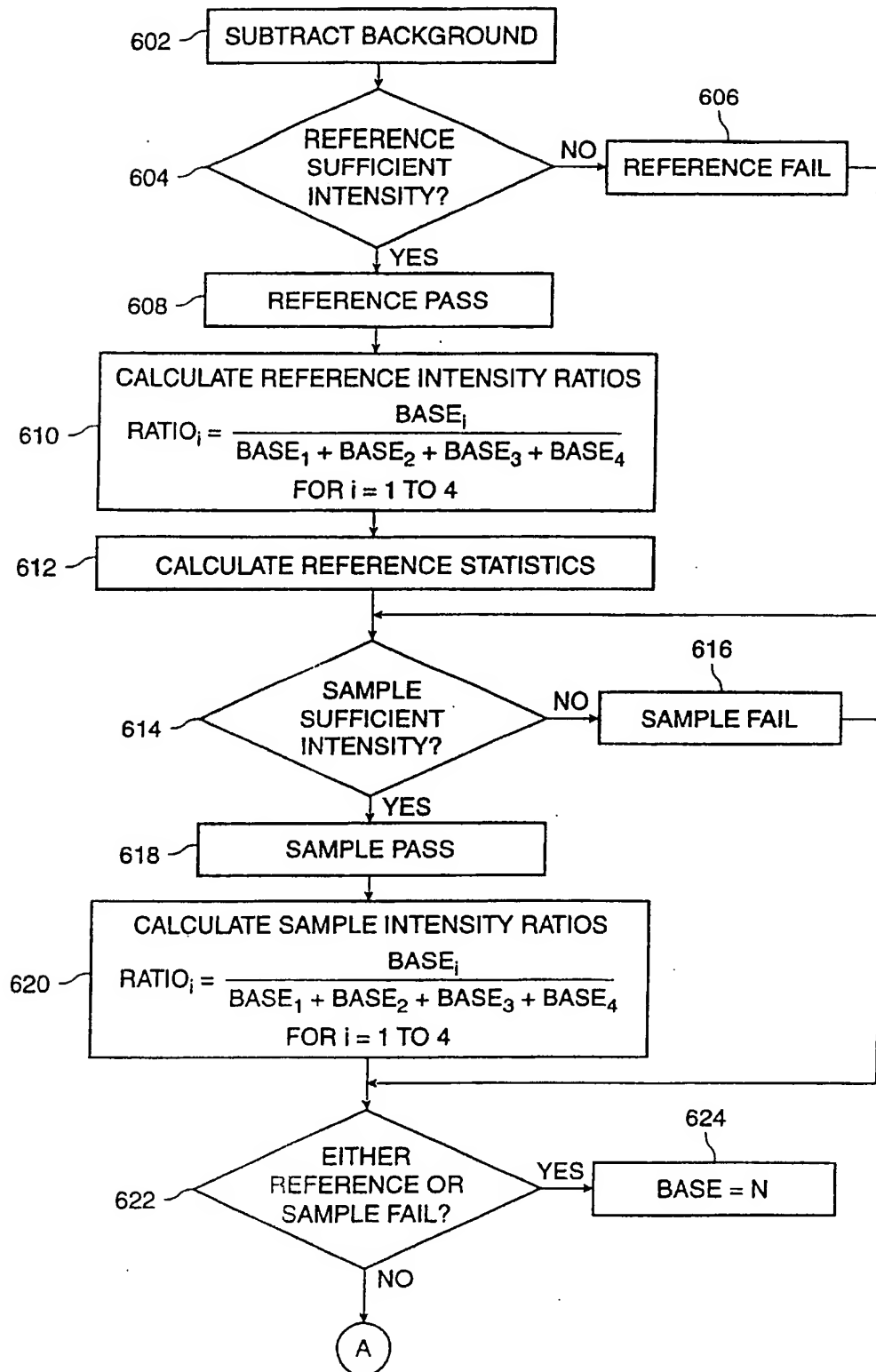


FIG. 6

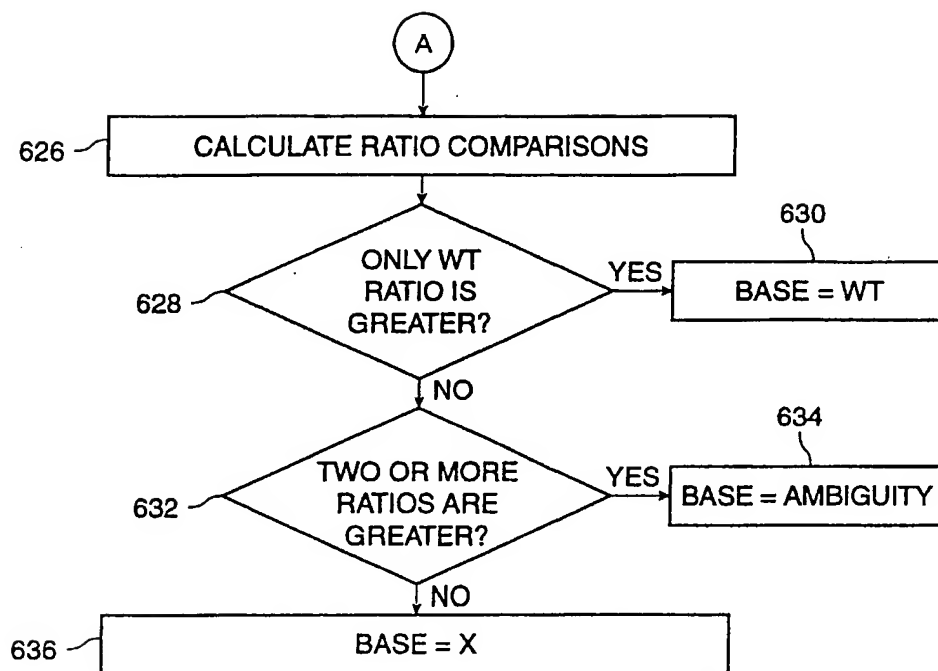


FIG. 6
(CONTINUED)

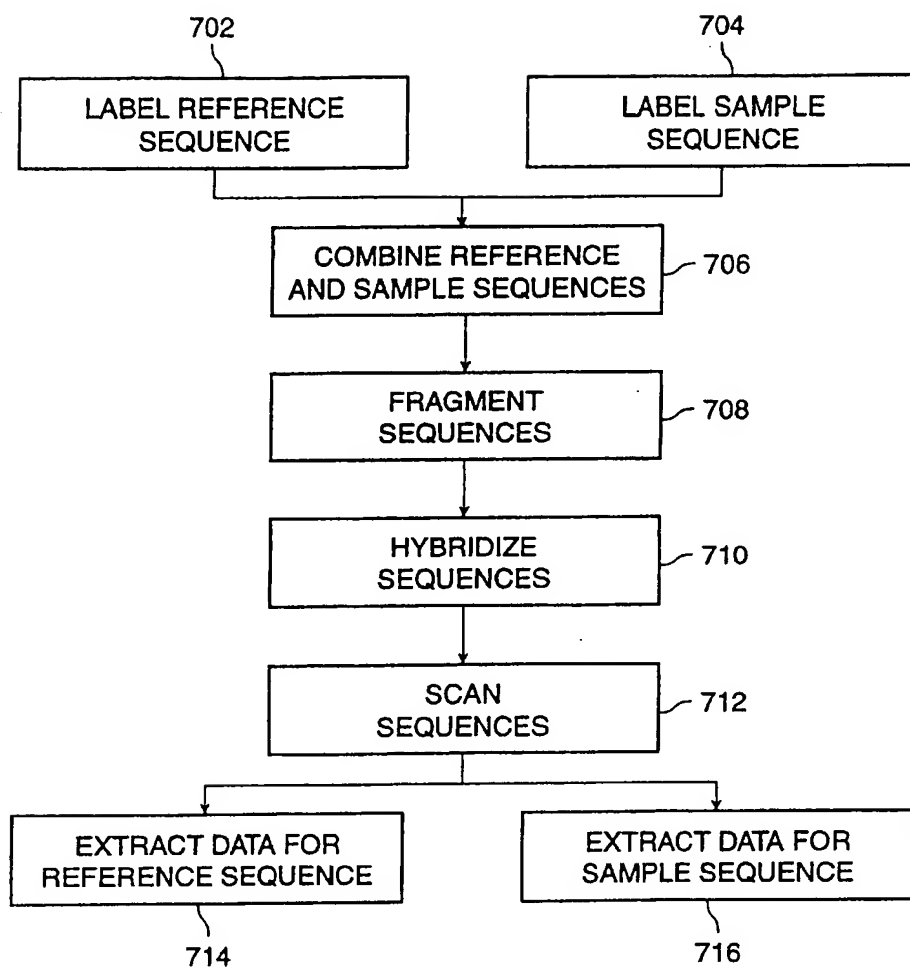


FIG. 7

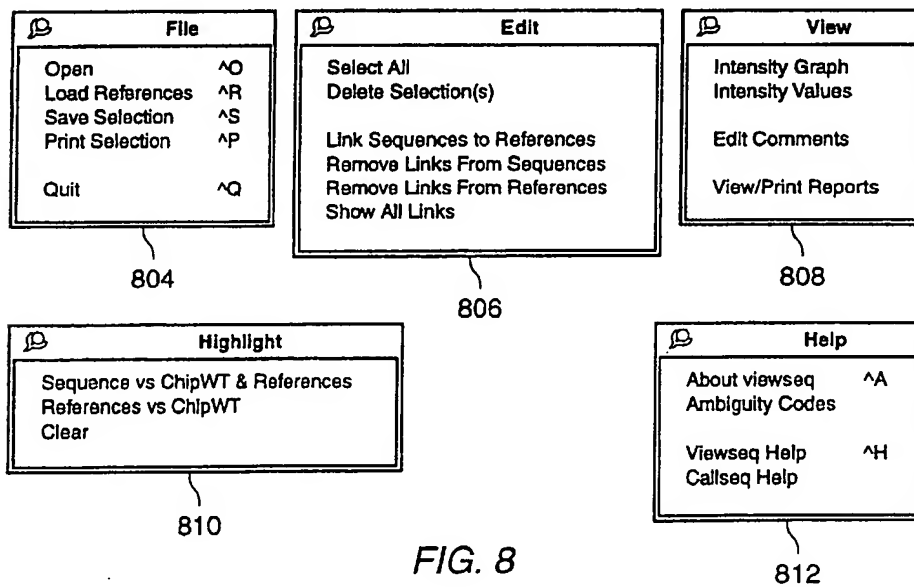
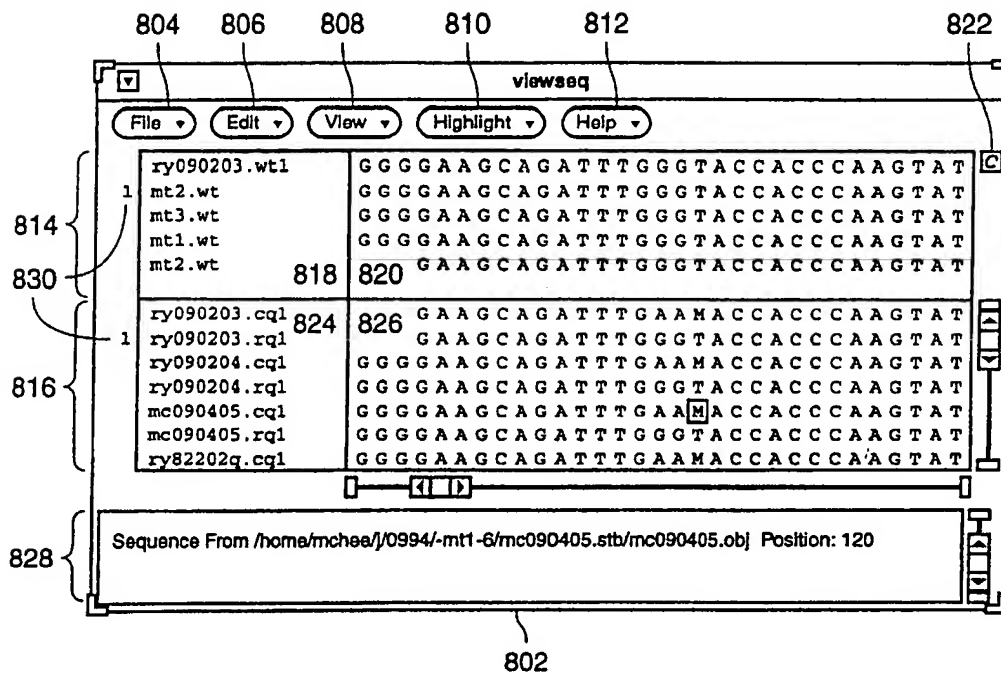


FIG. 8

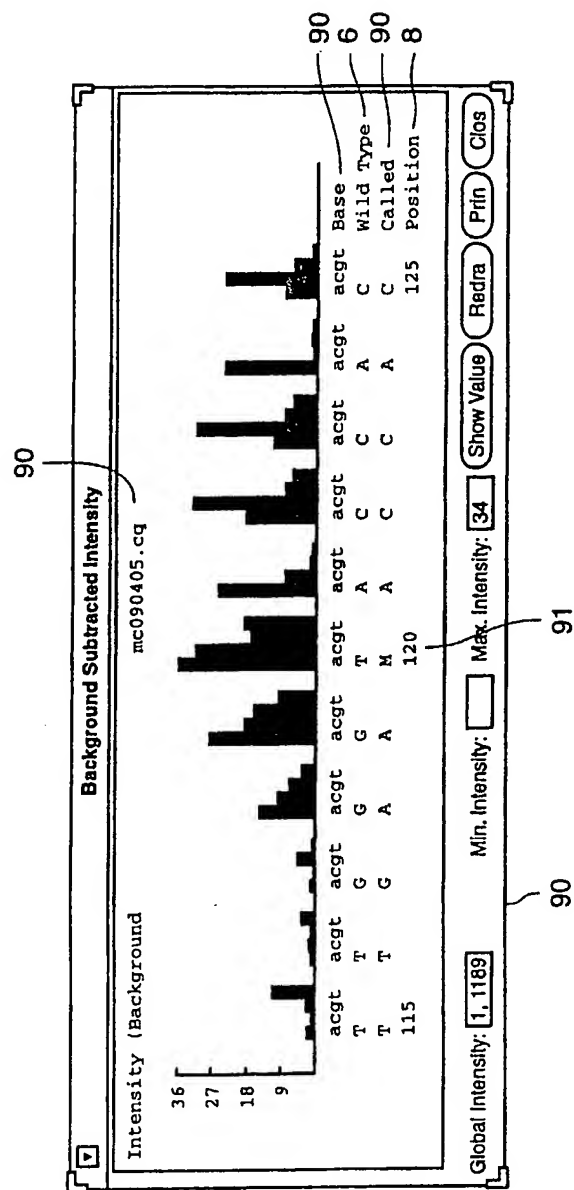


FIG. 9

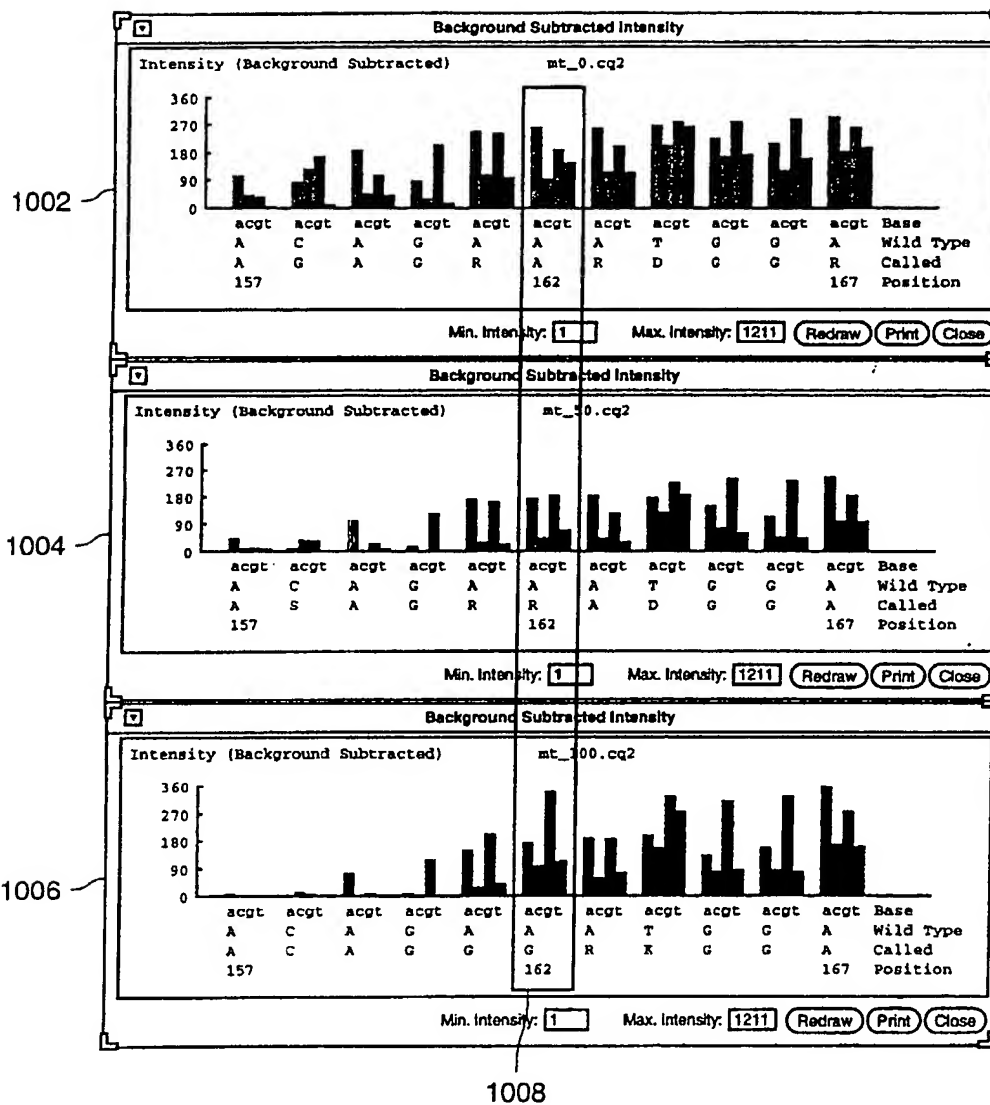


FIG. 10

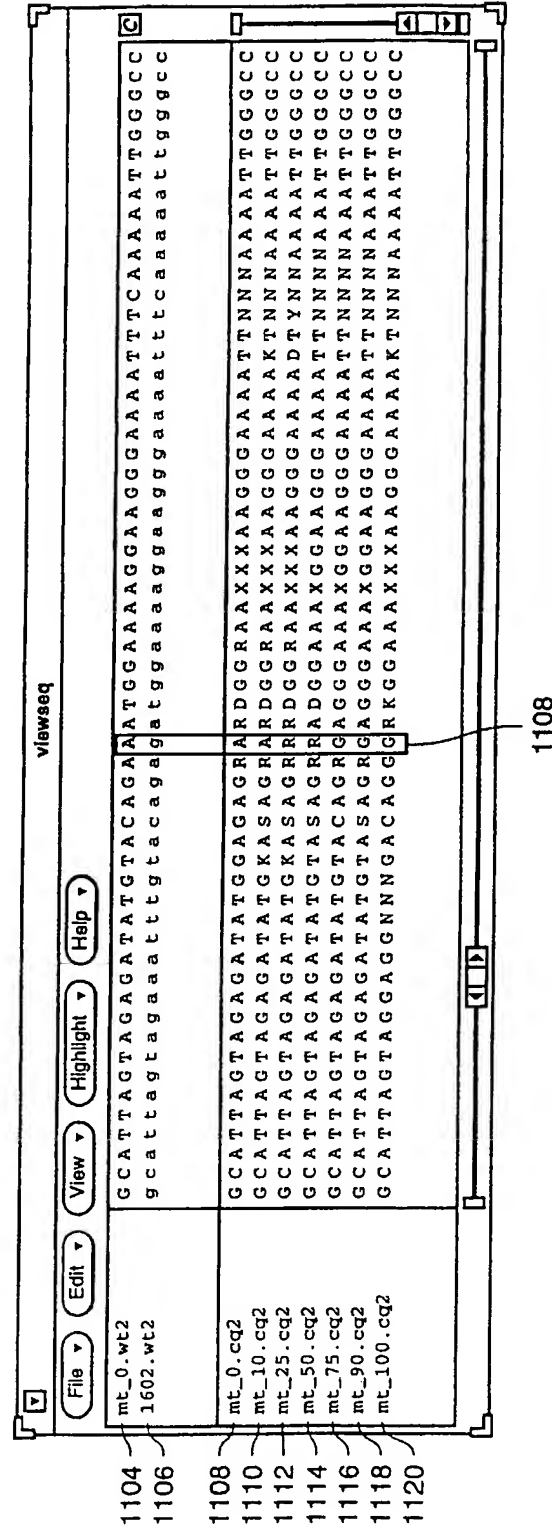


FIG. 11

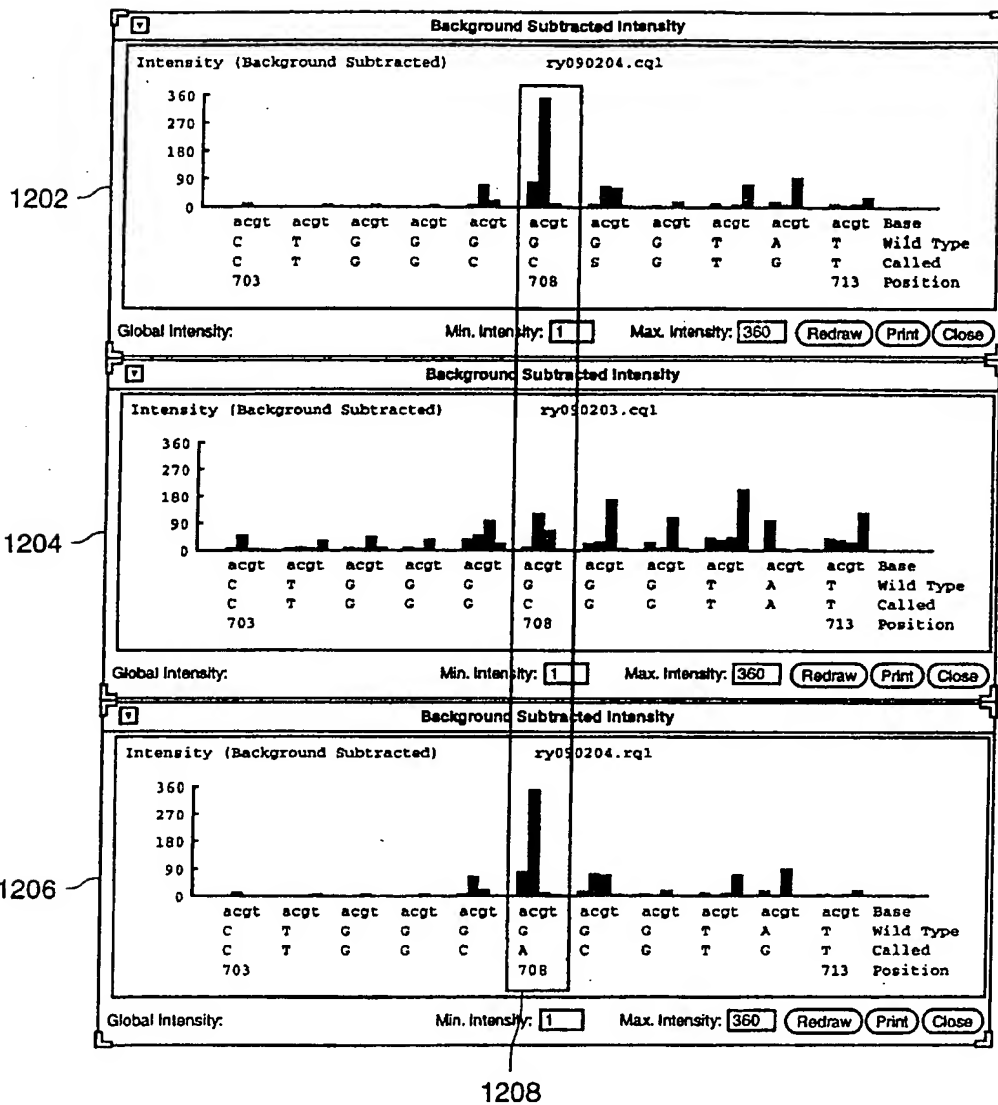


FIG. 12

tcgagataaatctatgtcctcgctactatgtcataatcttcttacttaataaacgggtccttttacctttgggtttttactatc	90	100	110	120	130	140	150	160	CONSENSUS
nngagatanntatgtcctcgctcyactatgtanannnnnnnnnnnnnaaacgggtcctnnnnnnnnnnnnnnnnnnnnnn									
tcgagataaatctatgtcctcgctactatgtcataaatnnnnnnnnnnnnnaaacgggtccttttacctttgggtttttactatc									
tcgagataaatctatgtcctcgctactatgtcataaatcttcttacttaaacgggtccttttacctttgggtttttactatc									
tcgagataaatctatgtcctcgctactatgtcataaatcttcttacttaaacgggtccttttacctttgggtttttactatc									
ncgggatanntatgtcctcgctcyactatgtcann									
tcgrgataaatctatgtcctcgctactatgtcataaatccnn									
tcgagataaatctatgtcctcgctactatgtcataaatcchnn									
tcgagataaatctatgtcctcgctactatgtcataaatcttcttacttacycaaacgggtcctxctacctttgggtttttactatc									
<hr/>									
cccccttaacccctccaaaaatagttttcattctgtcatgtctatggacatcttttagacacccgtgtatttcgatatcccatgt	170	180	190	200	210	220	230	240	CONSENSUS
cnncnntaacctccaaaaatann									
cccccttaacccctccaaaaatagttttcattctgtcatannagttctatgngnnnnnnnnnnnnnnnnnnnnnnnnnnnn									
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FIG. 13